

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL**

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: **Mark T. Marshall et al.**  
TITLE: **NOVEL IMPLANTABLE LEAD INCLUDING SENSOR**

**CERTIFICATE UNDER 37 CFR §1.10:** I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, \*EXPRESS No. EV 331 792 118 US, on this 16<sup>th</sup> day of January, 2003.

Sue McCoy  
Printed Name  
Sue McCoy  
Signature

**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ **Patent Application Transmittal**
- ☒ **Specification:**  
Total pages: **18** (including claims and abstract: Spec. **13** sheets; Claims **4** sheets; Abstract **1**)
- ☒ **Drawings:**  
Total sheets: **7**  
☐ formal ☒ informal
- ☒ **Combined Declaration and Power of Attorney:**  
☒ executed  
☐ copy from prior application  
☐ Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))  
☐ Incorporation by Reference - *The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*
- ☒ **Accompanying application parts:**  
☐ Notification of filing a  
☒ Assignment of the Invention to Medtronic, Inc.  
☒ Assignment cover sheet  
☒ Information Disclosure Statement  
☒ PTO Form 1449  
☒ Copies of IDS citations  
☐ Preliminary Amendment  
☐ A copy of the Petition or Conditional Petition for Extension of Time in the prior application.  
☒ Return Postcard

**IF A CONTINUING APPLICATION:**

- ☐ Continuation No.      ☐ Divisional ☐ Continuation-in-part (CIP) of prior application
- ☐ Amend the specification by inserting before the first line the sentence: --This application is a      of application Serial No.     , filed     , now allowed.--
- ☐ Cancel in this application original claims      of the prior application before calculating the filing fee. (At least the original independent claim must be retained for filing purposes.)
- ☐ The prior application is assigned or recorded to Medtronic, Inc.
- ☐ The Power of Attorney in the prior application is to:

☐ This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) \_\_\_\_\_, filed \_\_\_\_\_.

☒ Address all future correspondence to: Elisabeth L. Belden, Reg. No. 50,751  
Telephone: (763) 514-4083  
Customer No. 27581

FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee	No. of Extra Claims	Rate	Fee
Total Claims	34	20	= 14	x 18	252
Independent Claims	2	3	= 0	x 86	0
Multiple Dependent Claims	0		0	+ 290	0
Basic Filing Fee					\$770.00
TOTAL					1022.00

☒ Charge Deposit Account No. 13-2546 in the amount of **\$1062.00** for the filing fee and assignment recordation fee.

☒ The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

January 15, 2004  
Date

Elisabeth L. Belden  
Elisabeth L. Belden, Reg. No. 50,751  
Telephone: (763) 514-4083  
No. 27581